

企业简介

徐州恒兴金桥机械科技有限公司是国内专业从事旋挖机钻杆的研发、生产、销售、出口及服务为一体的国家高新技术企业。徐州恒兴金桥公司成立于2005年，经过十多年的拼搏与奋斗，目前已发展成为占地面积40000平方，厂房面积20000平方，员工近300人的现代化企业。

徐州恒兴金桥公司全力推行贯标工作，目前已拥有自主专利40余项，公司管理严格执行ISO9001标准，为行业内首家采用精细化流水线的专业制造商，所有产品均已通过欧盟CE认证。

徐州恒兴金桥机械有限公司旋挖机钻杆系列产品，在高铁、高架、高层建筑领域4000余套钻杆现场磨削及售后服务中积累了丰富的经验，不断总结及改进，始终保持高耐磨、高耐扭、经久耐用的产品特点。为不同施工工况的客户提供整套的个性化解决方案。目前已具备为国内外所有旋挖钻机配套优质钻杆的能力。

18个国内办事处全国联保，售后服务体系完善，为客户提供全面、系统化的解决方案，努力打造桩机行业金牌服务。

十多年来恒兴金桥公司的产品、服务、信誉、和口碑得到国内5000余家施工单位和国际近50余国家的客商广泛认可与好评！

“用科技创新推动行业进步”是我们的使命！“客户第一，团队合作，拥抱变化，诚信，激情，敬业”是我们的企业核心价值观。

恒兴金桥公司未来十年的目标：“至少在五个国家开设分公司，至少完成10个细分行业的全球领跑”！

恒兴金桥公司愿景：“恒兴的忠实用户覆盖全球100个国家，2000个城市，让公司至少30%的员工成为股东”。

欢迎各界同仁莅临考察，指导工作！欢迎各界朋友，来江苏徐州观光旅游，共叙友谊！

COMPANY INTRODUCTION

Xuzhou Hengxing Jinqiao Machinery Technology Co., Ltd is a professional National high-tech enterprise for rotary drilling rig kelly bar with our own R&D, sales and service team.

Xuzhou Hengxing Jinqiao Machinery Technology Co., Ltd was founded in 2005. Over more than ten years' development, it has grown into a modern company that with an area of 40,000 square meters, workshop area of 20,000 square meters and nearly 300 employees.

Xuzhou Hengxing Jinqiao Machinery Technology Co., Ltd has fully implemented the standard work. As a professional company with 40 patents that first adopts lean-management, It strictly carries out ISO9001 standard and all of the products have got CE certificate.

Xuzhou Hengxing Jinqiao Construction machinery Co., Ltd, The series of rotary drilling rig kelly bar has accumulated rich experience from high-speed train, elevated, high-rise building area of more than 4000 sets of kelly bar field training and after-sales service, constantly summarize and improve, keep high wear resistance, high resistance to twist, durable product features. To provide a complete set of different construction conditions of personalized solutions. Has had all the rotary drilling supporting the high quality kelly bar at home and abroad 18 domestic offices nationwide warranty, perfect after-sale service system! Provide customers with comprehensive and systematic solutions, and strive to build a gold medal service for the pile driver industry. For more than ten years, Hengxing Jinqiao's products, services, and reputation have been widely recognized and praised by more than 5,000 domestic construction companies and customers from nearly 50 countries.

"With scientific and technological innovation to promote industry progress" is our mission! Customer first, teamwork, embrace change, the good faith, passion, dedication "is our core values

HENGXING JINQIAO company's goal in the next decade, "Open branches in at least five countries, at least to complete 10 industry segment of the global leading"! HENGXING JINQIAO company's vision: "HENGXING loyal users covering 100 countries around the world, 2000 cities, make the company at least 30% of the employees to become shareholders".

Welcome colleagues from all walks of life come to visit and guide the work! Welcome friends from all walks of life, to the Xuzhou Jiangsu province tourism, to renew friendship!

EVER STAR™
艾维思达

HXINO 恒兴金桥
HENGXING JINQIAO

徐州恒兴金桥机械科技有限公司
XUZHOU HENGXING JINQIAO MACHINERY TECHNOLOGY CO., LTD



荣誉资质 HENGXING HONOR



HENGXING
KELLY BAR
恒兴铁杆

03-04



团队展示 HENGXING HONOR

精英团队，人才强企！
公司秉承“团队合作、奋斗为本”的团队理念，
让人才在实践中成长和发展。
这是一个高素质、高学历、有梦想的团队。
我们满足于现状，把握时代赋予的机遇与挑战。
精诚团结，顽强拼搏，以饱满的激情
为实现企业的发展目标和自己的人生价值而努力奋斗。
用满腔的热情和踏实的行动，共同谱写灿烂辉煌的明天。



技术/创新/诚信/发展
TECHNOLOGY/INNOVATION/HONESTY/DEVELOPMENT



车间一角 ONE CORNER OF THE WORKSHOP

1. 磨丸工位
Ball Milling Station
2. 机加生产线
Machining Line
3. 焊接工位
Welding Station
4. 自动焊接线
Automatic welding line
5. 喷漆工序
Spray Coating
6. 成品仓库
Finished Warehouse



钻杆备件 SPARE PARTS OF KELLY - BAR





钻杆的性能与特点

THE PERFORMANCE AND CHARACTERISTICS OF KELLY BAR

- 1. 采用国际上先进的六键式键型分布技术，标准模块化设计。
- 2. 采用先进的加工设备、加工工艺及工装制造，为众多品牌钻机匹配多套钻杆。目前已配套使用我公司钻杆的钻机有徐工、三一、福田、奥盛特、恒天九五、山河智能、宇通、中联、金泰、宝峨、士力、卡萨、迈特等系列钻机。
- 3. 整套钻杆重量轻、强度高，单节钻杆直线度高，管壁厚、管间间隙小，牙板耐磨性好。极大的满足了钻机对钻杆的特殊要求。
- 4. 采用特殊定制的国产优质合金结构无缝钢管制造，也可根据用户要求选用德国进口高强度无缝钢管。国产材料中，管材全部是特殊订制的合金材料无缝管，保证了尺寸精度、位置误差、力学性能以及良好的焊接性小直径管采用合金液压支柱管，并进行了特殊的二次热处理，强度可达到800MPa以上。
- 5. 合金钢制作的外牙，全部经过特殊热处理后，同时具有高硬度、高韧性和良好的焊接性能，大大提高了牙板耐磨性，从而降低了钻杆使用的故障率和保养费用。
- 6. 钻杆有摩擦式、机锁式和组合式，长度根据用户实际需要并结合钻机参数确定。不同的扭矩可以与大小、吨位不同的旋挖钻机匹配，外径系列和扭矩系列可任意组合，吊耳和方头有多种连接型式可供用户选择。
- 7. 材料规格齐全，可为国内保有的任何一型国产或进口钻机配套钻杆，钻杆均为全扭矩使用，最大钻深可达100米以上。
- 8. 长期维修多种钻杆，具有丰富的钻杆现场维修服务经验，现场维修速度快。

- 1. Adoption of advanced international six-key type distribution technology and standard modular design.
- 2. Adopt advanced processing equipment, processing technique and tooling manufacturing. Now our kelly bar has supported hydraulic rotary rigs like XCMG, Sany, Lovol, Osaint, CHTC, Jove, Sunward, Yutong, Zoomlion, Jintai, Bauer, Solimec, Casagrande, Mait, IMT, etc.
- 3. The whole set of kelly bar with light weight, high strength, high linearity of the single section, thin pipe wall, small seam between sections and good wear resistance of keys plate, it greatly satisfies the special requirements of rotary drilling machine.
- 4. Our kelly bar is manufactured by seamless steel pipe which is specially customized by domestic high quality alloy, also it can be made by Germany imported high-strength seamless steel pipe as customers' requirements. All domestic materials are specially customized alloy seamless pipe to ensure the dimensional accuracy, position error, mechanical properties and good weldability. The small pipes use alloy hydraulic prop tube, with special secondary processing its strength can reach more than 800 Mpa.
- 5. The outer keys are made of alloy steel, which has high hardness, high toughness and good welding performance. And after special heat treatment, it greatly improves the wear resistance of keys to reduce the failure rate and maintenance cost of kelly bar.
- 6. We have three types of kelly bars, interlocking, frictional and combined. The length depends on customers' actual requirements or the digging machine's parameters. Kelly bar with different torques can be matched with rotary drilling rig of different models. Lifting lugs and square head has multiple connections ways available for users.
- 7. Complete material specifications ensure us to provide kelly bar for any type of domestic or imported rotary drilling rig, all kelly bars are full torque with maximum drilling depth of 100 meters.
- 8. Long-term maintenance of all kinds of kelly bar, we have rich experience in on-site maintenance services.

“六键式”钻杆服务解决方案
 详细工艺技术介绍，请咨询恒兴销售工程师详细。
 我们会在第一时间为您服务。





钻杆的结构形式 STRUCTURE FORM



钻杆的规格 SPECIFICATION



恒兴机械部分常用规格钻杆型号 (ΦD- n*L)

序号	外径 (D) mm	节数 (n)	单节基本长度 (L) m	加压形式	参考钻深 (m)	可配套机型
1	*299	3,4,5	9-14	机锁、摩擦	24-65	徐工、三一、福田、 奥斯特、恒天九五、山河智能、 宇通、中联、金泰、 宝峨、土力、迈特、 CMV、意马、卡萨诺蓝地、 日立、宝峨、利勃海尔
2	*340	3,4,5	9-14		24-65	
3	355	3,4,5	9-14		24-65	
4	377(*368)	3,4,5	9-14		24-65	
5	406(*394)	3,4,5	9-15		24-70	
6	*426(419)	3,4,5	9-15		24-70	
7	440	3,4,5,6	9-15		24-85	
8	470	3,4,5,6	9-16,5		24-91	
9	508	3,4,5,6	9-18		24-103	
10	530	3,4,5,6	9-20		24-114	
11	580(575)	3,4,5,6	9-24		24-138	
12	630	3,4,5,6	9-26		24-150	

Common Model of Kellybar

No	O.Dia. (D) mm	Sections (n)	Length(m)	Pressure form	Drilling depth (m)	Capable of supporting models
1	*299	3,4,5	9-14	Machine lock Friction	24-65	XCMG, SANY, LOVOL, OSAIN, JOVE, SUNWARD, YUTONG, ZOOMLION, JINTAI, BAUER, SOILMEC, MAIT CMV, IMT, CASAGRANDE, HITACHI, BAUER, LIEBHERR
2	*340	3,4,5	9-14		24-65	
3	355	3,4,5	9-14		24-65	
4	377(*368)	3,4,5	9-14		24-65	
5	406(*394)	3,4,5	9-15		24-70	
6	*426(419)	3,4,5	9-15		24-70	
7	440	3,4,5,6	9-15		24-85	
8	470	3,4,5,6	9-16,5		24-91	
9	508	3,4,5,6	9-18		24-103	
10	530	3,4,5,6	9-20		24-114	
11	580(575)	3,4,5,6	9-24		24-138	
12	630	3,4,5,6	9-26		24-150	

机锁式钻杆

INTERLOCKING KELLY BAR



士力摩阻式钻杆

SOILMEC FRICTION KELLY BAR



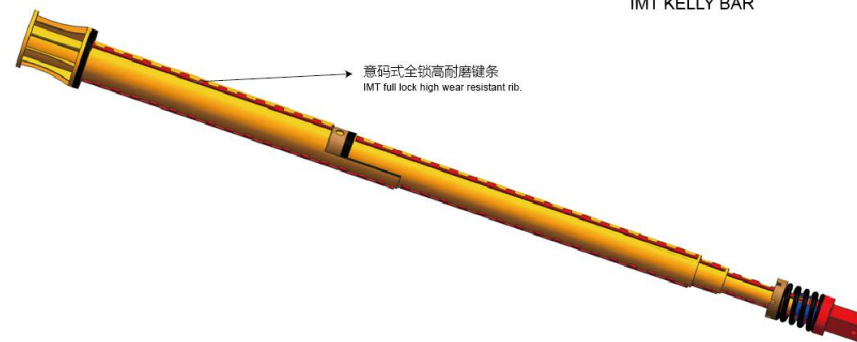
宝峨式钻杆

BAUER KELLY BAR



意码式钻杆

IMT KELLY BAR



恒兴钻杆配套施工案例 CONSTRUCTION CASE

钻杆服务解决方案
详细工艺技术方案, 请向恒兴销售工程师咨询
我们会在第一现场为您服务。



配套利勃海尔钻机现场施工
Supporting to LIEBHERR Rotary Drilling Rig



配套中联钻机现场施工
Supporting ZOOMLION rotary drilling rig



配套土力钻机现场施工
Supporting to SOILMEC Rotary Drilling Rig



配套宝峨钻机现场施工
Supporting to BAUER Rotary Drilling Rig



配套恒天九五钻机现场施工
Supporting JOVE rotary drilling rig



配套三一钻机现场施工
Supporting SANY rotary drilling rig



配套意马AF200钻机雅加达施工
Supporting IMT AF200 Rig (Jakarta)



配套中车钻机现场施工
Supporting CRRC rotary drilling rig



配套九五钻机现场施工
Supporting JOVE rotary drilling rig



配套卡萨诺蓝地钻机现场施工
Supporting CASAGRANDE rotary drilling rig



配套迈特钻机现场施工
Supporting to MAIT Rotary Drilling Rig



配套福田钻机现场施工
Supporting LOVOL rotary drilling rig

办事处布局图

OFFICE LAYOUT



- 18个国内办事处全国联保，售后服务体系完善！
- 为客户提供全面、系统化的解决方案，努力打造桩机行业金牌服务。
- 十多年来恒兴金桥公司的产品、服务、信誉、和口碑得到国内5000余家施工单位和国际近50余国家的客商广泛认可与好评！

18 domestic offices nationwide warranty, perfect after-sale service system!
Provide customers with comprehensive and systematic solutions, and strive to build a gold medal service for the pile driver industry.
For more than ten years, Hengxing Jinqiao's products, services, and reputation have been widely recognized and praised by more than 5,000 domestic construction companies and customers from nearly 50 countries.

外销布局图

EXPORT LAYOUT



- 迎合国家一带一路战略，为全球不同地区、不同气候条件提供最佳施工解决方案。根据用户使用工况及反馈情况，对出口产品进行适应性改进，不断提高产品的技术性能和技术含量。对于不同客户量身定制特产品，满足不同层次需求。

Actively respond the "One Belt and One Road" strategy, we can make the best construction solution for customers from different countries in the world. According to the users' site condition and feedback, improve the adaptability and technical performance of the exported products.

专业品质 值得信赖
PROFESSIONAL AND TRUSTWORTHY

HENGXING
KELLY BAR
恒兴钻杆



钻机配件



驱动套
Drive Adaptor



驱动板
Drive shell



滑轮
Pulley



主卷扬减速机
Main Winch Reducer



动力头减速机
Rotary Head Reducer



动力头马达
Rotary Head Motor



随动架
Drive Adaptor



三脚架
Tripod



桅杆转盘
Rotary Table



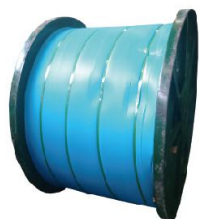
继电器模块
RM(relay module)



接近开关
Approach Switch



开关
Switch



钢丝绳
Steel Rope



漏斗
Funnel



导管
Duct



控制器
Controller



倾角传感器
Axis Sensor

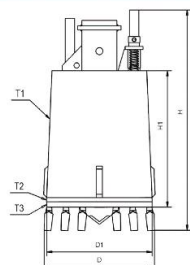


压力传感器
Pressure Sensor

■ 旋挖钻具 ROTARY DRILLING TOOLS

双底双开门斗齿旋挖斗 Double-cut Flat Drilling Bucket

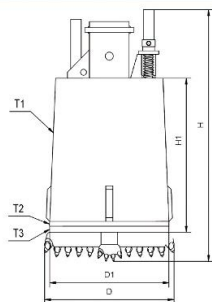
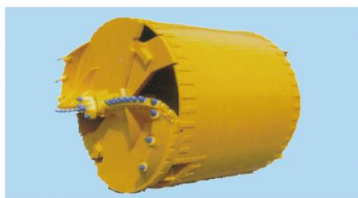
适应地层：土层、砂层、松散砂砾层
Main application: soft to stiff silt and clay,
loose to medium dense
sand and gravel.



直径(mm) Diameter (D)	筒体外径(mm) Bucket (D1)	钻头高度(mm) Height (H)	筒体高度 (mm) Bucket height (H1)	筒体壁厚 (mm) Bucket Thickness (T1)	底盘厚度 (mm) Base plate Thickness (T2)	切削盘厚度 (mm) Cutting plate thickness (T3)	斗齿数量 Flat teeth Number
Φ600	540	2000	1200	14	40	50	4
Φ800	700	2000	1200	14	40	50	4
Φ1000	900	2000	1200	16	40	50	6
Φ1200	1100	2000	1200	16	40	50	7
Φ1500	1400	2000	1200	16	40	50	9
Φ1800	1700	1800	1000	20	50	50	11
Φ2000	1900	1600	800	20	50	50	13
Φ2200	2100	1600	800	20	50	50	15
Φ2500	2400	1500	700	20	50	50	18
Φ3000	2900	1500	700	20	50	50	21

双底双开门截齿旋挖斗 Double-cut Rock Drilling Bucket

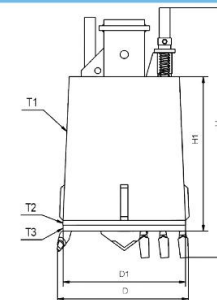
适应地层：致密砂层、胶结卵石层、
中风化至强风化岩层
Main application: Dense sand ,granvle and
medium up to strength rock



直径(mm) Diameter (D)	筒体外径(mm) Bucket (D1)	钻头高度(mm) Height (H)	筒体高度 (mm) Bucket height (H1)	筒体壁厚 (mm) Bucket Thickness (T1)	底盘厚度 (mm) Base plate Thickness (T2)	切削盘厚度 (mm) Cutting plate thickness (T3)	截齿数量 Bullet teeth Number
Φ600	540	2000	1200	14	40	50	12
Φ800	700	2000	1200	14	40	50	14
Φ1000	900	2000	1200	16	40	50	20
Φ1200	1100	2000	1200	16	40	50	21
Φ1500	1400	2000	1200	16	40	50	24
Φ1800	1700	1800	1000	20	50	50	28
Φ2000	1900	1600	800	20	50	50	32
Φ2200	2100	1600	800	20	50	50	34
Φ2500	2400	1500	700	20	50	50	38
Φ3000	2900	1500	700	20	50	50	44

双底单开门斗齿旋挖斗 Single-cut Flat Drilling Bucket

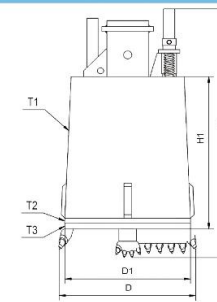
适应地层：土层、砂层、松散砂砾层
Main application: soft to stiff silt and clay,
loose to medium dense
sand and gravel.



直径(mm) Diameter (D)	筒体外径(mm) Bucket (D1)	钻头高度(mm) Height (H)	筒体高度 (mm) Bucket height (H1)	筒体壁厚 (mm) Bucket Thickness (T1)	底盘厚度 (mm) Base plate Thickness (T2)	切削盘厚度 (mm) Cutting plate thickness (T3)	斗齿数量 Flat teeth Number
Φ600	540	2000	1200	16	40	50	2
Φ800	700	2000	1200	16	40	50	3
Φ1000	900	2000	1200	16	40	50	4
Φ1200	1100	2000	1200	16	40	50	5
Φ1500	1400	2000	1200	16	40	50	6
Φ1800	1700	1800	1000	20	50	50	7
Φ2000	1900	1600	800	20	50	50	8
Φ2200	2100	1600	800	20	50	50	9
Φ2500	2400	1500	700	20	50	50	10
Φ3000	2900	1500	700	20	50	50	12

双底单开门截齿旋挖斗 Single-cut Rock Drilling Bucket

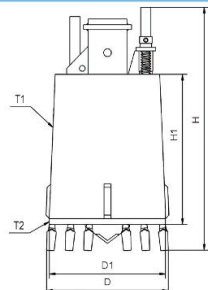
适应地层：致密砂层、胶结卵石层、
中风化至弱风化岩层
Main application: Dense sand , granvle and
medium up to weak rock



直径(mm) Diameter (D)	筒体外径(mm) Bucket (D1)	钻头高度(mm) Height (H)	筒体高度 (mm) Bucket height (H1)	筒体壁厚 (mm) Bucket Thickness (T1)	底盘厚度 (mm) Base plate Thickness (T2)	切削盘厚度 (mm) Cutting plate thickness (T3)	截齿数量 Bullet teeth Number
Φ600	540	2000	1200	16	40	50	5
Φ800	700	2000	1200	16	40	50	7
Φ1000	900	2000	1200	16	40	50	9
Φ1200	1100	2000	1200	16	40	50	10
Φ1500	1400	2000	1200	16	40	50	14
Φ1800	1700	1800	1000	20	50	50	16
Φ2000	1900	1600	800	20	50	50	17
Φ2200	2100	1600	800	20	50	50	18
Φ2500	2400	1500	700	20	50	50	20
Φ3000	2900	1500	700	20	50	50	23

单底双开门斗齿旋挖斗 Single-bottom flat drilling bucket

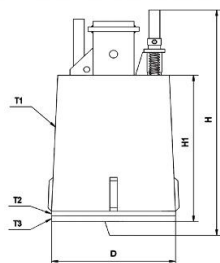
适应地层：粘土层或胶泥层
Main application: clay and elastic mud soil



直径(mm) Diameter (D)	筒体外径(mm) Bucket (D1)	钻头高度(mm) Height (H)	筒体高度 (mm) Bucket height (H1)	筒体壁厚 (mm) Bucket Thickness (T1)	切削齿厚度 (mm) Cutting plate thickness (T2)	斗齿数量 Flat teeth Number
Φ600	540	2000	1200	14	50	4
Φ800	700	2000	1200	14	50	4
Φ1000	900	2000	1200	16	50	6
Φ1200	1100	2000	1200	16	50	7
Φ1500	1400	2000	1200	16	50	9
Φ1800	1700	1800	1000	20	50	11
Φ2000	1900	1600	800	20	50	13
Φ2200	2100	1600	800	20	50	15
Φ2500	2400	1500	700	20	50	18
Φ3000	2900	1500	700	20	50	21

清底旋挖斗 Cleaning Drilling Bucket

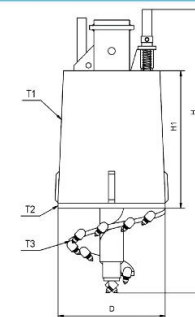
作用：清理桩底沉渣
Main application: cleaning the bottom of the borehole a



直径(mm) Diameter (D)	筒体外径(mm) Bucket (D1)	钻头高度(mm) Height (H)	筒体高度 (mm) Bucket height (H1)	筒体壁厚 (mm) Bucket Thickness (T1)	底盘厚度 (mm) Base plate Thickness (T2)	切削齿厚度 (mm) Cutting plate thickness (T3)
Φ600	540	2000	1200	14	40	50
Φ800	700	2000	1200	14	40	50
Φ1000	900	2000	1200	16	40	50
Φ1200	1100	2000	1200	16	40	50
Φ1500	1400	2000	1200	16	40	50
Φ1800	1700	1800	1000	20	50	50
Φ2000	1900	1600	800	20	50	50
Φ2200	2100	1600	800	20	50	50
Φ2500	2400	1500	700	20	50	50
Φ3000	2900	1500	700	20	50	50

螺旋底旋挖斗 Bucket with auger bottom

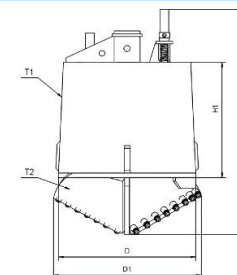
适应地层：胶结卵石层
Main application: gravel



直径(mm) Diameter (D)	筒体外径(mm) Bucket (D1)	钻头高度(mm) Height (H)	筒体高度 (mm) Bucket height (H1)	筒体壁厚 (mm) Bucket Thickness (T1)	底盘厚度 (mm) Base plate Thickness (T2)	齿板厚度 (mm) Cutting plate thickness (T3)	截齿数量 Bullet teeth Number
Φ1000	900	2000	1200	16	40	50	15
Φ1200	1100	2000	1200	16	40	50	17
Φ1500	1400	2000	1200	16	40	50	20
Φ1800	1700	1800	1000	20	50	50	23
Φ2000	1900	1600	800	20	50	50	25
Φ2200	2100	1600	800	20	50	50	28
Φ2500	2400	1500	700	20	50	50	31
Φ3000	2900	1500	700	20	50	50	37

锥底旋挖斗 Bucket with cone bottom

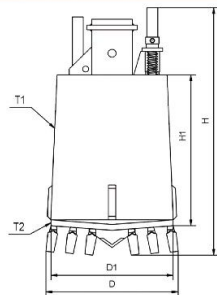
适应地层：泥岩，砂岩、卵石层
Main application: Mudstone, sandstone, gravel



直径(mm) Diameter (D)	筒体外径(mm) Bucket (D1)	钻头高度(mm) Height (H)	筒体高度 (mm) Bucket height (H1)	筒体壁厚 (mm) Bucket Thickness (T1)	底盘厚度 (mm) Base plate Thickness (T2)	齿板厚度 (mm) Cutting plate thickness (T3)	截齿数量 Bullet teeth Number
Φ1000	900	2000	1200	16	40	50	15
Φ1200	1100	2000	1200	16	40	50	17
Φ1500	1400	2000	1200	16	40	50	20
Φ1800	1700	1800	1000	20	50	50	23
Φ2000	1900	1600	800	20	50	50	25
Φ2200	2100	1600	800	20	50	50	28
Φ2500	2400	1500	700	20	50	50	31
Φ3000	2900	1500	700	20	50	50	37

圆锥式单底旋挖斗 Tapered Drilling Bucket

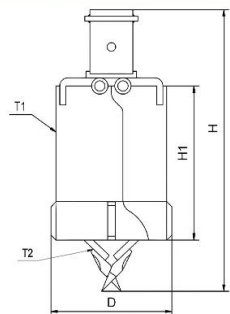
适应地层：粘土层或胶泥层
Main application: clay and elastic mud soil



直径(mm) Diameter (D)	筒体外径(mm) Bucket (D1)	钻头高度(mm) Height (H)	筒体高度 (mm) Bucket height (H1)	筒体壁厚 (mm) Bucket Thickness (T1)	切削齿厚度 (mm) Cutting plate thickness (T2)	斗齿数量 Flat teeth N.O.
Φ600	540	2000	1200	14	50	4
Φ800	700	2000	1200	14	50	4
Φ1000	900	2000	1200	16	50	6
Φ1200	1100	2000	1200	16	50	7
Φ1500	1400	2000	1200	16	50	9
Φ1800	1700	1800	1000	20	50	11
Φ2000	1900	1600	800	20	50	13
Φ2200	2100	1600	800	20	50	15
Φ2500	2400	1500	700	20	50	18
Φ3000	2900	1500	700	20	50	21

分体式钻斗(土层) Clam Drilling Bucket

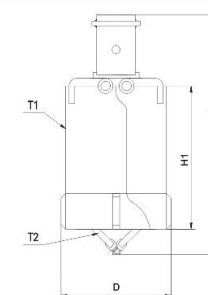
适应地层：土层、泥岩、砂岩、胶泥层
Main application: soil, mudstone, sandstone, clay



直径(mm) Diameter (D)	筒体外径(mm) Bucket (D1)	钻头高度(mm) Height (H)	筒体高度 (mm) Bucket height (H1)	筒体壁厚 (mm) Bucket Thickness (T1)	齿板厚度 (mm) Cutting plate thickness (T2)	斗齿数量 Flat teeth N.O.
Φ600	540	2000	1200	25/40	50	4
Φ800	700	2000	1200	30/40	50	6
Φ1000	850	2000	1200	30/40	50	7
Φ1200	1100	2000	1200	30/40	50	9
Φ1500	1400	2000	1200	30/40	50	10

分体式钻斗(岩层) Clam Drilling Bucket

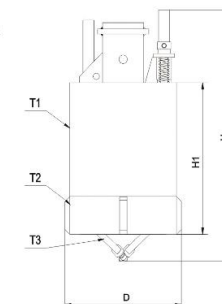
适应地层：胶结卵石层，漂石地层，中风化岩层
Main application: gravel, boulder and medium mantle rock



直径(mm) Diameter (D)	筒体外径(mm) Bucket (D1)	钻头高度(mm) Height (H)	筒体高度 (mm) Bucket height (H1)	筒体壁厚 (mm) Bucket Thickness (T1)	齿板厚度 (mm) Cutting plate thickness (T2)	截齿数量 Flat teeth N.O.
Φ600	520	2000	1200	25/40	50	8
Φ800	680	2000	1200	30/40	50	10
Φ1000	880	2000	1200	30/40	50	12
Φ1200	1050	2000	1200	30/40	50	15
Φ1500	1360	2000	1200	30/40	50	22

锥底式钻斗 Cone bottom Bucket

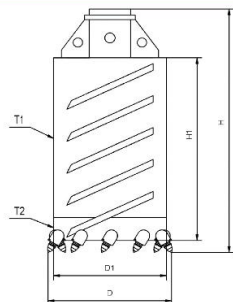
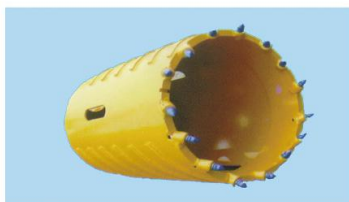
适应地层：胶结卵石层，漂石地层，中风化岩层
Main application: gravel, boulder and medium mantle rock



直径(mm) Diameter (D)	筒体外径(mm) Bucket (D1)	钻头高度(mm) Height (H)	筒体高度 (mm) Bucket height (H1)	筒体壁厚 (mm) Bucket Thickness (T1)	下筒壁厚 Lower thickness (T3)	齿板厚度 (mm) Cutting plate thickness (T2)	截齿数量 Flat teeth N.O.
Φ600	540	2000	1200	16	30	50	8
Φ800	700	2000	1200	16	30	50	10
Φ1000	900	2000	1200	16	30	50	12
Φ1200	1100	2000	1200	16	30	50	15
Φ1500	1400	2000	1200	16	40	50	22

截齿筒钻 Core Barrel with Bullet teeth

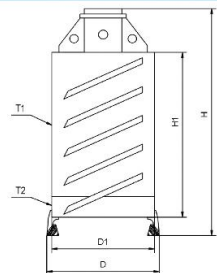
适应地层：胶结卵石层，漂石地层，中风化岩层
Main application: gravel, boulder and medium mantle rock



直径(mm) Diameter (D)	筒体外径(mm) Bucket (D1)	钻头高度(mm) Height (H)	筒体高度 (mm) Bucket height (H1)	上筒壁厚 (mm) Upper Thickness (T1)	下筒壁厚 (mm) Lower thickness (T3)	截齿数量 Bullet teeth Number
Φ600	520	1620	1200	16	40	8
Φ800	720	1620	1200	16	40	8
Φ1000	920	1620	1200	16	40	12
Φ1200	1120	1620	1200	16	40	12
Φ1500	1420	1620	1200	16	40	16
Φ1800	1720	1620	1200	20	40	20
Φ2000	1920	1620	1200	20	40	24
Φ2200	2120	1620	1200	20	40	24
Φ2500	2420	1620	1200	20	40	28
Φ3000	2920	1620	1200	20	40	32

牙轮筒钻 Core Barrel with Roller-bit

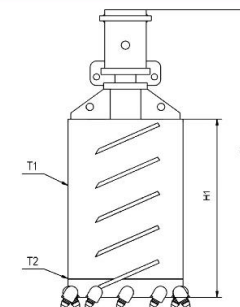
适应地层：岩石硬度40Mpa以上砂岩、灰岩、花岗岩地层
Main application: rock hardness above 40Mpa sandstone, rock and Granite



直径(mm) Diameter (D)	筒体外径(mm) Bucket (D1)	钻头高度(mm) Height (H)	筒体高度 (mm) Bucket height (H1)	上筒壁厚 (mm) Upper Thickness (T1)	下筒壁厚 (mm) Lower thickness (T3)	截齿数量 Bullet teeth Number
Φ600	500	1700	1200	16	40	4
Φ800	700	1700	1200	16	40	6
Φ1000	900	1700	1200	16	40	8
Φ1200	1100	1700	1200	16	40	10
Φ1500	1400	1700	1200	16	40	12
Φ1800	1700	1700	1200	20	40	14
Φ2000	1900	1700	1200	20	40	16
Φ2200	2100	1700	1200	20	40	18
Φ2500	2400	1700	1200	20	40	20
Φ3000	2900	1700	1200	20	40	22

抓取式筒钻 Grabbing style core barrel

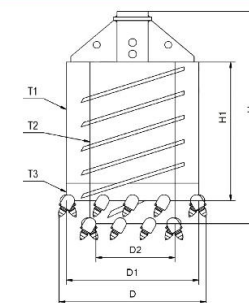
适应地层：大直径的卵石层、漂石层
Main application: gravel, boulders



直径(mm) Diameter (D)	筒体外径(mm) Bucket (D1)	钻头高度(mm) Height (H)	筒体高度 (mm) Bucket height (H1)	上筒壁厚 (mm) Upper Thickness (T1)	下筒壁厚 (mm) Lower thickness (T3)	截齿数量 Bullet teeth Number
Φ800	720	1950	1550	25	40	8
Φ1000	920	1950	1550	25	40	12
Φ1200	1120	1950	1550	25	40	12
Φ1500	1420	1950	1550	25	40	16
Φ1800	1720	1950	1550	25	40	20
Φ2000	1920	1950	1550	25	40	24
Φ2200	2120	1950	1550	25	40	24
Φ2500	2420	1950	1550	25	40	28
Φ3000	2920	1950	1550	25	40	32

双层筒钻 Double walled core barrel

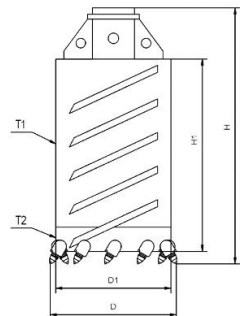
适应地层：回填层、强风化及中风化地层
Main application: Backfill, strength up to medium rock



直径(mm) Diameter (D)	筒体外径(mm) Bucket (D1)	钻头高度(mm) Height (H)	筒体高度 (mm) Bucket height (H1)	外筒壁厚 (mm) Bucket Thickness (T1)	内筒壁厚 (mm) Bucket Thickness (T2)	下筒壁厚 (mm) Lower thickness (T3)	截齿数量 Bullet teeth Number
Φ1500	1420	2000	1200	16	16	40	28
Φ1800	1720	2000	1200	20	20	40	28
Φ2000	1920	2000	1200	20	20	40	28
Φ2200	2120	2000	1200	20	20	40	28
Φ2500	2420	2000	1200	20	20	40	28
Φ3000	2920	2000	1200	20	20	40	28

三翼筒钻 Three wing core barrel

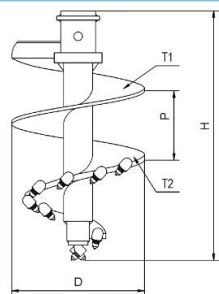
适应地层：漂石、强风化至中风化地层
Main application: boulders, strength up to medium rock



直径(mm) Diameter (D)	筒体外径(mm) Bucket (D1)	钻头高度(mm) Height (H)	筒体高度 (mm) Bucket height (H1)	筒体壁厚 (mm) Bucket Thickness (T1)	下面厚度 (mm) Cutting plate thickness (T2)	截齿数量 Bullet teeth Number
Φ1500	1420	1720	1300	20	40	30
Φ1800	1720	1720	1300	25	40	36
Φ2000	1920	1720	1300	25	40	40
Φ2200	2120	1720	1300	25	40	46
Φ2500	2420	1720	1300	25	40	52
Φ3000	2920	1720	1300	25	40	58

单头单锥螺旋岩层螺旋钻头 Single cut Rock Auger

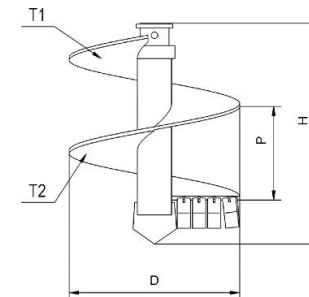
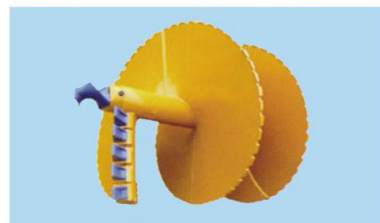
适应地层：致密砂层、胶结卵石层、
中风化至弱风化岩层
Main application: Dense sand, granule and medium up to weak rock



直径(mm) Diameter (D)	钻头高度 (mm) Height (H)	螺距 (mm) Pitch (P)	螺片厚度 (mm) Flight Thickness T (T1)	螺片厚度 (mm) Flight Thickness T (T2)	截齿数量 (mm) Bullet teeth Number
Φ600	1850	400	20	30	10
Φ800	1850	400	20	30	12
Φ1000	1850	500	20	30	13
Φ1200	1950	500	20	30	14
Φ1500	1950	500	30	40	16
Φ1800	2550	600	30	40	26
Φ2000	2550	600	30	40	30
Φ2200	2550	600	30	40	34
Φ2500	2550	600	30	40	44

单头单直螺土层螺旋钻头 Single cut Flat Auger

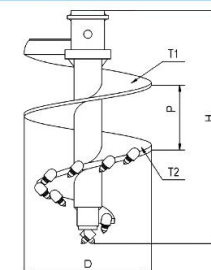
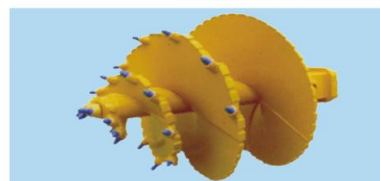
适应地层：土层、砂层、松散砂砾层
Main application: soft to stiff silt and clay, loose to medium dense sand and gravel.



直径(mm) Diameter (D)	钻头高度 (mm) Height (H)	螺距 (mm) Pitch (P)	螺片厚度 (mm) Flight Thickness T (T1)	螺片厚度 (mm) Flight Thickness T (T2)	斗齿数量 (mm) Flat teeth Number
Φ600	1850	400	20	30	2
Φ800	1850	400	20	30	2
Φ1000	1850	500	20	30	3
Φ1200	1950	500	20	30	4
Φ1500	1950	500	30	40	5
Φ1800	2550	600	30	40	7
Φ2000	2550	600	30	40	8
Φ2200	2550	600	30	40	9
Φ2500	2550	600	30	40	11

双头双锥螺旋岩层螺旋钻头 Double cut Rock Auger

适应地层：致密砂层、胶结卵石层、
中风化至弱风化岩层
Main application: Dense sand, granule and medium up to weak rock

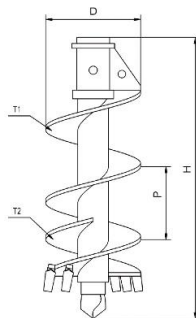
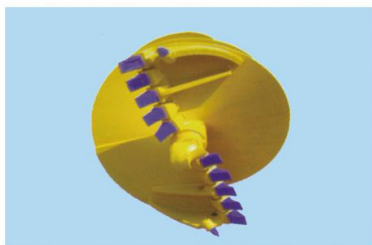


直径(mm) Diameter (D)	钻头高度 (mm) Height (H)	螺距 (mm) Pitch (P)	螺片厚度 (mm) Flight Thickness T (T1)	螺片厚度 (mm) Flight Thickness T (T2)	截齿数量 (mm) Bullet teeth Number
Φ600	1850	400	20	30	18
Φ800	1850	400	20	30	22
Φ1000	1850	500	20	30	24
Φ1200	1950	500	20	30	26
Φ1500	1950	500	30	40	31
Φ1800	2550	600	30	40	49
Φ2000	2550	600	30	40	57
Φ2200	2550	600	30	40	63
Φ2500	2550	600	30	40	69

双头单直螺土层螺旋钻头 Double cut Flat Auger

适应地层：土层、砂层、松散砂砾层

Main application: soft to stiff silt and clay, loose to medium dense sand and gravel.

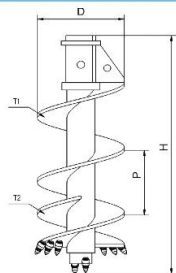


直径(mm) Diameter (D)	钻头高度 (mm) Height (H)	螺距 (mm) Pitch (P)	螺片厚度 (mm) Flight Thickness T (T1)	螺片厚度 (mm) Flight Thickness T (T2)	斗齿数量 (mm) Flat teeth Number
Φ600	1850	400	20	30	4
Φ800	1850	400	20	30	4
Φ1000	1850	500	20	30	6
Φ1200	1950	500	20	30	8
Φ1500	1950	500	30	40	10
Φ1800	2550	600	30	40	14
Φ2000	2550	600	30	40	16
Φ2200	2550	600	30	40	18
Φ2500	2550	600	30	40	21

双头双直螺岩层螺旋钻头 Double cut Rock Auger

适应地层：致密砂层、胶结卵石层、
中风化至弱风化岩层

Main application: Dense sand, gravel and medium up to weak rock

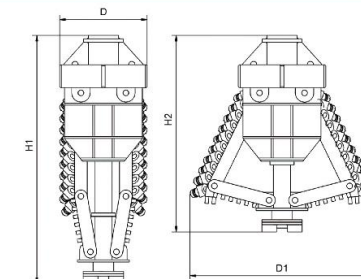


直径(mm) Diameter (D)	钻头高度 (mm) Height (H)	螺距 (mm) Pitch (P)	螺片厚度 (mm) Flight Thickness T (T1)	螺片厚度 (mm) Flight Thickness T (T2)	斗齿数量 (mm) Bullet teeth Number
Φ600	1850	400	20	30	8
Φ800	1850	400	20	30	10
Φ1000	1850	500	20	30	11
Φ1200	1950	500	20	30	13
Φ1500	1950	500	30	40	17
Φ1800	2550	600	30	40	20
Φ2000	2550	600	30	40	22
Φ2200	2550	600	30	40	24
Φ2500	2550	600	30	40	27

两翼扩底钻头 (岩层) Two wing Belling Bit

适应地层：土层、中风化岩层

Main application: soil, medium rock

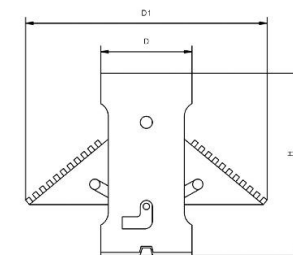


规格 Size	直径 (mm) Diameter (D)	扩孔直径 (mm) Diameter (D1)	收回高度 (mm) Height (H1)	展开高度 (mm) Height (H2)
KD600	560	1200	1900	1550
KD800	760	1600	2160	1700
KD1000	960	2000	2650	1950
KD1200	1160	2400	3050	2050
KD1500	1460	3000	3600	2600
KD1800	1760	3600	3900	2650
KD2000	1960	4000	4200	2850

两翼扩底钻头 (土层) Two wing Belling Bit

适应地层：用于煤矿通风孔

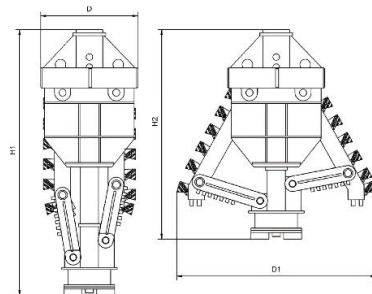
Main application: coal mine rents



规格 Size	直径 (mm) Diameter (D)	收回直径 (mm) Diameter (D1)	展开高度 (mm) Height (H1)
KD600	560	1200	1200
KD800	760	1600	1550
KD1000	960	2000	1900
KD1200	1160	2400	2250
KD1500	1460	3000	2900
KD1800	1760	3600	3500
KD2000	1960	4000	3800

两翼扩底钻头（牙轮） Two wing Belling Bit

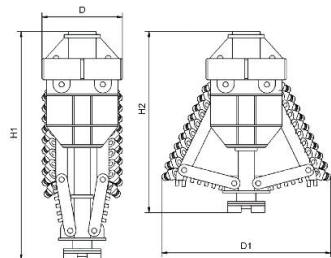
适应地层：中风化至弱风化岩层
Main application: medium up to weak rock



规格 Size	直径 (mm) Diameter (D)	扩孔直径 (mm) Diameter (D1)	收回高度 (mm) Height (H1)	展开高度 (mm) Height (H2)
KD600	560	1200	1900	1550
KD800	760	1600	2160	1700
KD1000	960	2000	2650	1950
KD1200	1160	2400	3050	2050
KD1500	1460	3000	3600	2600
KD1800	1760	3600	3900	2650
KD2000	1960	4000	4200	2850

三翼扩底钻头（岩石） Three wing Belling Bit

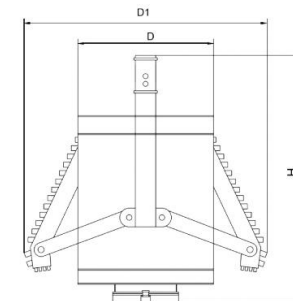
适应地层：土层、中风化岩层
Main application: soil, medium rock



规格 Size	直径 (mm) Diameter (D)	扩孔直径 (mm) Diameter (D1)	收回高度 (mm) Height (H1)	展开高度 (mm) Height (H2)
KD600	560	1200	1900	1550
KD800	760	1600	2160	1700
KD1000	960	2000	2650	1950
KD1200	1160	2400	3050	2050
KD1500	1460	3000	3600	2600
KD1800	1760	3600	3900	2650
KD2000	1960	4000	4200	2850

三翼扩底钻头（土层） Three wing Belling Bit

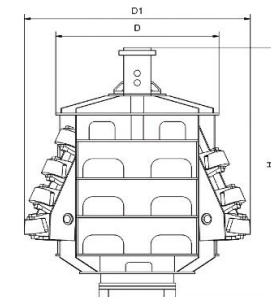
适应地层：土层、砂层、松散砂砾层
Main application: soft to stiff silt and clay, loose to medium dense sand and gravel.



规格 Size	直径 (mm) Diameter (D)	直径 (mm) Diameter (D1)	钻头高度 (mm) Height (H1)
KD1500	1460	3000	3600
KD1800	1760	3600	3900
KD2000	1960	4000	4200

三翼扩底钻头（滚刀） Three wing Belling Bit

适应地层：弱风化、花岗岩地层
Main application: weak rock, granite



规格 Size	直径 (mm) Diameter (D)	直径 (mm) Diameter (D1)	钻头高度 (mm) Height (H1)
KD1500	1460	3000	3600
KD1800	1760	3600	3900
KD2000	1960	4000	4200

地下连续墙抓斗 HYDRAULIC DIAPHRAGM WALLING GRAB

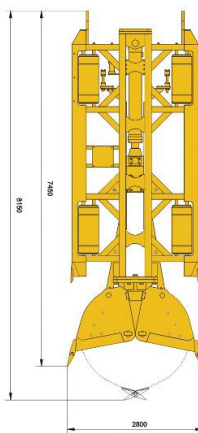
推板式纠偏液压抓斗 Hydraulic Grad

本系列抓斗是地下连续墙工程专用器具，抓斗配备了纠偏推板和倾角传感器，通过倾角传感器实时检测抓斗的状态并通过处理器控制纠偏油缸伸缩使推板进行调整，在工作中能随时对槽壁进行修整，纠偏精度能够达到0.01度。

This series of grab is a special underground continuous wall project Apparatus, grab is equipped with a push plate and angle deviation Through the real-time detection sensor, angle sensor Grab the state and control corrective by processor Cylinder expansion to adjust a push plate, in the work To trim the tank wall, correction precision Degree can reach 0.01 degrees.



推板式纠偏液压抓斗
Hydraulic Grad



槽宽 Wall Width	mm	600	800	1000	1200	1500
纠偏调整 inclination adjusting		±2°	±2°	±2°	±2°	±2°
液压压力 hydraulic pressure	Bar	320	320	320	320	320
闭合力 closing force	KN	1000	1000	1000	1000	1000
闭斗/开斗时间 Closing/opening time	Sec	8/5	8/5	8/5	8/5	8/5
最大抓宽 Open shell width(sex)	Mm	2800	2800	2800	2800	2800
容积 Capacity	L	850	1200	1500	1900	2300
重量 (轻型) Grad weight (Light)	Kg	14000	15500	17200	18500	21000
重量 (重型) Grad weight (Heavy)	Kg	19000	22000	23000	25000	27000

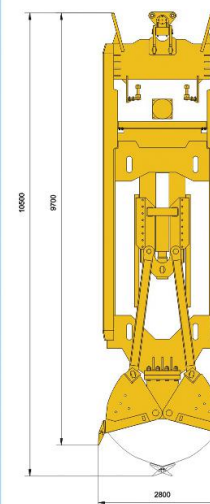
框架式纠偏液压抓斗 Hydraulic Grad

本系列抓斗是地下连续墙工程专用器具，工作装置导向部分采用框架式结构，导向架与导向体通过纠偏油缸实现 ±2° 的纠偏，由于框架式结构的导向部分很长，能够确保成槽精度。

This series of grab is a special underground continuous wall project Apparatus, device oriented part of the framework Type structure, the guide frame and guide through the rectification Ram ± 2 ° deviation, the frame type structure The guide part of the structure is very long, can ensure that the groove Precision.



框架式纠偏液压抓斗
Hydraulic Grad

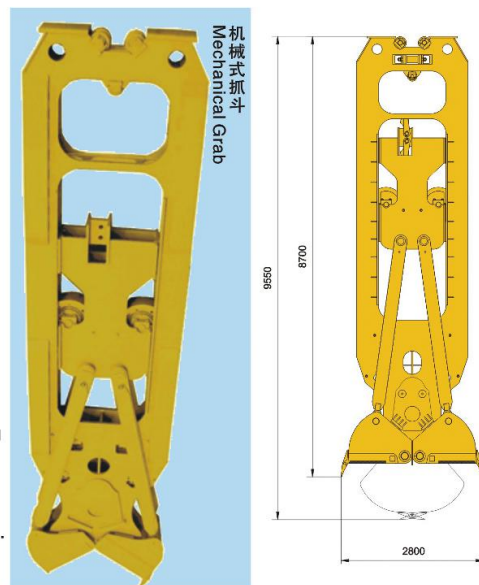


槽宽 Wall Width	mm	600	800	1000	1200	1500
纠偏调整 inclination adjusting		±2°	±2°	±2°	±2°	±2°
液压压力 hydraulic pressure	Bar	320	320	320	320	320
闭合力 closing force	KN	1000	1000	1000	1000	1000
闭斗/开斗时间 Closing/opening time	Sec	8/5	8/5	8/5	8/5	8/5
最大抓宽 Open shell width(sex)	Mm	2800	2800	2800	2800	2800
容积 Capacity	L	850	1200	1500	1900	2300
重量 (轻型) Grad weight (Light)	Kg	14000	15500	17200	18500	21000
重量 (重型) Grad weight (Heavy)	Kg	19000	22000	23000	25000	27000

机械式绳索抓斗 (A型) Mechanical rope grab(AType)

机械式连续墙抓斗是与履带吊配合施工的地下连续墙器具，采用双钢丝绳设计，两根钢丝绳分别控制升降与开闭抓斗，适用于更加严峻复杂的地层施工，利用自重冲击抓取，可以完成更深的地下连续墙工程。成槽精度略低于液压抓斗。特别适用没有连续墙专用主机的施工单位。

The diaphragm wall grab machine is matched with the crawler crane. The underground continuous wall construction of the instrument, using double steelWire rope design, two steel cables are respectively controlled lifting. With the opening and closing of grab, suitable for more severe and complicated Stratum, using weight impact grab, can Underground continuous wall construction completed deeper. Into the groove Precision is slightly lower than the hydraulic grab. Especially not Construction units continuous wall dedicated hosting.

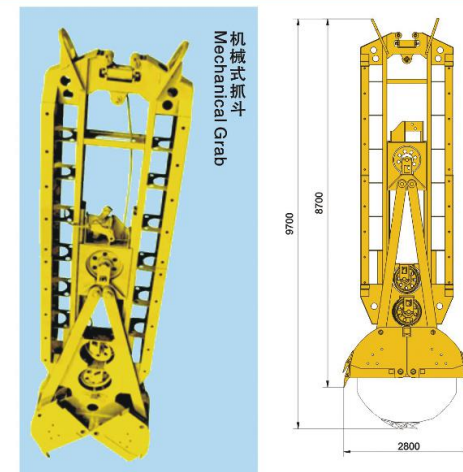


槽宽 Wall Width	mm	600	800	1000	1200	1500
滑轮数量 Pulley number	Piece	6	6	6	6	6
闭合力 closing force	KN	1100	1100	1100	1100	1100
闭斗/开斗时间 Closing/opening time	Sec	8/5	8/5	8/5	8/5	8/5
最大抓宽 Open shell width(sex)	Mm	2800	2800	2800	2800	2800
容积 Capacity	L	850	1200	1500	1900	2300
重量 (轻型) Grad weight (Light)	Kg	13000	14000	15000	16000	18000
重量 (重型) Grad weight (Heavy)	Kg	19000	20000	21500	23000	25000

机械式绳索抓斗(B型) Mechanical rope grab(B Type)

机械式连续墙抓斗是与履带吊配合施工的地下连续墙器具，采用双钢丝绳设计，两根钢丝绳分别控制升降与开闭抓斗，适用于更加严峻复杂的地层施工，利用自重冲击抓取，可以完成更深的地下连续墙工程。成槽精度略低于液压抓斗。特别适用没有连续墙专用主机的施工单位。相比 A 型拥有更轻量级的框架结构主体。

The diaphragm wall grab machine is matched with the crawler crane. The underground continuous wall construction of the instrument, using double steelWire rope design, two steel cables are respectively controlled lifting. With the opening and closing of grab, suitable for more severe and complicated Stratum, using weight impact grab, can Underground continuous wall construction completed deeper. Into the groove Precision is slightly lower than the hydraulic grab. Especially not Construction units continuous wall dedicated hosting. Compared with A type frame structure body more lightweight.



槽宽 Wall Width	mm	600	800	1000	1200	1500
滑轮数量 Pulley number	Piece	5	5	5	5	5
闭合力 closing force	KN	1100	1100	1100	1100	1100
闭斗/开斗时间 Closing/opening time	Sec	8/5	8/5	8/5	8/5	8/5
最大抓宽 Open shell width(sex)	Mm	2800	2800	2800	2800	2800
容积 Capacity	L	850	1200	1500	1900	2300
重量 (轻型) Grad weight (Light)	Kg	11000	12000	13000	14000	16000
重量 (重型) Grad weight (Heavy)	Kg	16500	17000	18500	20000	22500

全护筒施工设备 CASING

双壁全护筒套管 Double-walled casing

产品介绍

套管由套管接头和管体两部分组成，能有效防止孔壁坍塌，套管接头由公接头和母接头组成，每对接头都要保证互换性，以便于快速连接，通常情况下我们建议使用双壁套管，对重量有要求的情况下可以使用单壁套管，与摆管机配合施工时，请了解摆管机的参数是否适合与单壁套管使用。

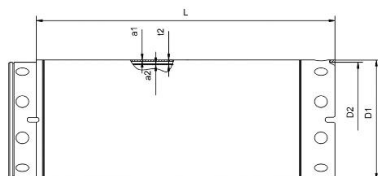


General Remarks

The production range includes casing joints and pipes for piling protection of collopsing. Casing joints are composed of one male half joint and one female half joint applied at each end of casing pipe for easy pipe connection operations.

The use of double wall casing is recommended in general.

Single wall casings may be used for reasons of weight reduction, after checking the compatibility with heavy duty oscillators.



直径	有效长度effective length L						壁厚	壁厚	总壁厚	螺栓数量
D1/D2	1m	2m	3m	4m	5m	6m	a1	a2	t2	bolt
(mm)	Weight (Kg) Parts Number						(mm)	(mm)	(mm)	(Nos)
620/540	403	739	1074	1411	1747	2081	12	8	40	8
750/670	492	902	1311	1722	2131	2540	12	8	40	10
880/800	585	1069	1552	2036	2520	3005	12	8	40	10
1000/920	669	1221	1773	2328	2877	3429	12	8	40	10
1180/1100	844	1580	2316	3052	3787	4522	16	8	40	12
1200/1120	872	1620	2370	3120	3870	4620	16	8	40	12
1300/1220	933	1746	2558	3372	4184	4996	16	8	40	12
1500/1400	1433	2628	3817	5009	6210	7393	20	10	50	12
1800/1700	1730	3166	4602	6038	7474	8910	20	10	50	12
2000/1880	2450	4280	6110	7940	9770	11600	20	15	60	12
2200/2080	2700	4720	6740	8760	10780	12800	20	15	60	12
2500/2380	2960	5240	7520	9800	12080	14360	20	15	60	16

单壁全护筒套管 Single-wall casing

产品介绍

套管由套管接头和管体两部分组成，能有效防止孔壁坍塌，套管接头由公接头和母接头组成，每对接头都要保证互换性，以便于快速连接，通常情况下我们建议使用双壁套管，对重量有要求的情况下可以使用单壁套管，与摆管机配合施工时，请了解摆管机的参数是否适合与单壁套管使用。

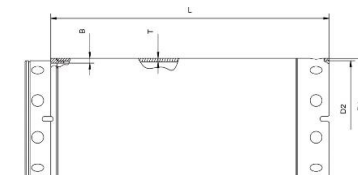


General Remarks

The production range includes casing joints and pipes for piling protection of collopsing. Casing joints are composed of one male half joint and one female half joint applied at each end of casing pipe for easy pipe connection operations.

The use of double wall casing is recommended in general.

Single wall casings may be used for reasons of weight reduction, after checking the compatibility with heavy duty oscillators.



直径	有效长度effective length L						壁厚	壁厚	螺栓数量
D1/D2	1m	2m	3m	4m	5m	6m	T	B	bolt
(mm)	Weight (Kg) Parts Number						(mm)	(mm)	(Nos)
620/540	380	672	993	1255	1546	1838	14	40	8
750/670	447	789	1131	1473	1815	2157	14	40	10
880/800	514	906	1298	1690	2082	2474	16	40	10
1000/920	580	1022	1464	1906	2348	2790	16	40	10
1180/1100	740	1233	1826	2350	2800	3105	16	40	12
1200/1120	800	1350	1900	2550	3100	3500	16	40	12
1300/1220	845	1475	2105	2735	3365	3995	20	40	12
1500/1400	1310	2220	3130	4040	4950	5860	25	50	12
1800/1700	1580	2675	3770	4865	5960	7055	25	50	16
2000/1880	2140	3355	4570	5785	7000	8215	25	60	12
2200/2080	2350	3690	5030	6370	7710	9050	25	60	12
2500/2380	2575	4100	5625	7150	8675	10200	25	60	16

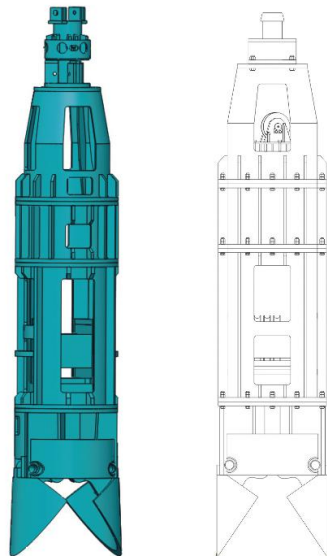
冲抓斗 (A型) Hammer Grab(A Type)

产品介绍

这款冲抓斗适用于单卷扬起重机械，适用于松散地层，结构合理，便于维护。

General Remarks

Robust free-fall grab with High closing force especially Suitable for boring in detritus Soils and for water-logged Pile foundations. The pulleys Are equipped with oil-filled Maintenance-free life-time Bearings.



型号 Model	套管直径(mm) Casing Diameter	抓斗下部直径 (mm) Down Diameter	抓斗框架直径 (mm) Up Diameter	容积 (L) Capacity	重量 (kg) Weight
CZD/A-600	800/720	600	570	70	1750
CZD/A-700	880/800	700	670	90	2430
CZD/A-800	1000/900	800	770	150	3150
CZD/A-900	1100/1000	900	870	210	3540
CZD/A-1000	1180/1100	1000	970	340	4250
CZD/A-1100	1250/1170	1100	1070	440	4750
CZD/A-1200	1300/1220	1200	1170	510	5270
CZD/A-1300	1500/1420	1300	1270	700	5850

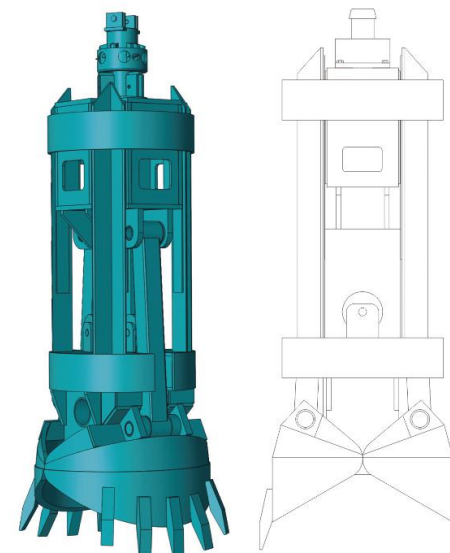
冲抓斗 (B型) Hammer Grab(B Type)

产品介绍

这款冲抓斗适用于单卷扬和双卷扬起重机械，适用地层广泛，结构合理，便于维护。

General Remarks

The hammer Grab type suitable for Single Winch and Double Winch Lifting machinery, Widely applicable Formations, The pulleys Are equipped with oil-filled Maintenance-free life-time Bearings.



型号 Model	套管直径(mm) Casing Diameter	抓斗下部直径 (mm) Down Diameter	抓斗框架直径 (mm) Up Diameter	容积 (L) Capacity	重量 (kg) Weight
CZD/B-1300	1500/1420	1300	1100	750	5200
CZD/B-1400	1600/1520	1400	1200	800	5500
CZD/B-1500	1700/1620	1500	1300	850	5900
CZD/B-1600	1800/1720	1600	1400	900	6400
CZD/B-1700	1900/1720	1700	1500	1000	7000
CZD/B-1800	2000/1920	1800	1600	1100	7850
CZD/B-1900	2100/2020	1900	1700	1200	8950
CZD/B-2000	2200/2120	2000	1800	1400	10250
CZD/B-2100	2300/2220	2100	1900	1650	10800
CZD/B-2200	2400/2320	2200	2000	1850	11500
CZD/B-2300	2500/2420	2300	2100	2400	13100
CZD/B-2400	2600/2520	2400	2200	3200	14820
CZD/B-2500	2700/2620	2500	2600	4000	16800
CZD/B-3000	3200/3020	3000	2800	5000	19650

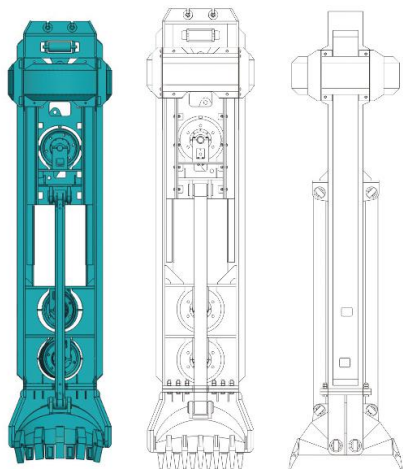
冲抓斗 (C型) Hammer Grab(C Type)

产品介绍

双钢丝绳抓斗特别适用于双卷扬的起重机械，其特点为闭合有力，适用于土层和硬质土层。

General Remarks

Double rope grab with high closing force
especially suitable for Vibration-free
boring in semi-hard And hard soil conditions.



型号 Model	套管直径(mm) Casing Diameter	抓斗下部直径 (mm) Down Diameter	抓斗框架直径 (mm) Up Diameter	容积 (L) Capacity	重量 (kg) Weight
CZD/C-1300	1500/1420	1300	1200	400	8000
CZD/C-1400	1600/1520	1400	1300	450	9400
CZD/C-1500	1700/1620	1500	1400	700	10600
CZD/C-1600	1800/1720	1600	1500	790	11530
CZD/C-1700	1900/1720	1700	1600	920	12700
CZD/C-1800	2000/1920	1800	1700	1000	14000
CZD/C-1900	2100/2020	1900	1800	1200	14820
CZD/C-2000	2200/2120	2000	1900	1450	15400
CZD/C-2100	2300/2220	2100	2000	1580	16650
CZD/C-2200	2400/2320	2200	2100	1750	17600
CZD/C-2300	2500/2420	2300	2200	1900	19000
CZD/C-2400	2600/2520	2400	2300	2150	20500
CZD/C-2500	2700/2620	2500	2400	2500	21000
CZD/C-3000	3200/3020	3000	2900	3900	24150

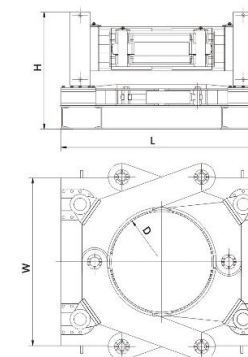
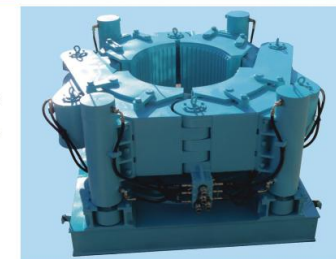
拔管机 Pile puller

产品介绍

拔管机是各类岩土钻掘工程中钻机的配套辅助设备，适用于灌注桩、地下连续墙、全护筒工艺等，用于起拔钻孔护壁套管和钻杆。也可用于各类钻具事故处理中起拔套管和钻杆。

General Remarks

Drawbench is all kinds of rock and soil drilling and digging engineering supporting auxiliary equipment of drilling rig, suitable for filling pile, jet drilling, drilling technology with tube is used for the anchor hole and construction engineering, used for pulling the borehole wall casing and drill pipe. Can also be used for all kinds of drill accident treatment in the casing and drill pipe.

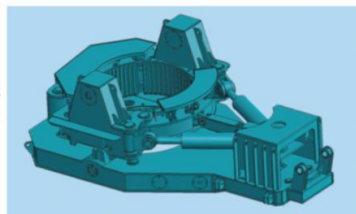


	规格 Size		1000	1200	1500	2000
D	最大套管直径 / Max.Casing diameter	mm	1000	1200	2000	2000
L	主机总长 / Length of machine	mm	2200	2400	2800	4000
H	主机总高 / Height of machine	mm	1400	2400	1400	2000
W	主机总宽 / Width of machine	mm	2000	2200	2800	3400
	工作压力 / Operating pressure	Mpa	27	27	27	27
	提升行程 / Stroke	mm	500	500	500	500
	提升力 / Lifting force	KN	4000	4000	5000	7100
	夹紧力 / Clamping force	KN	900	1230	1700	2100
	重量 / Weight	kg	7000	8700	11500	14000

摆管机(短型) Casing oscillator(short Type)

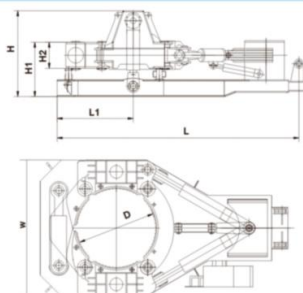
产品介绍

短型液压摆管机适用于旋挖钻机配套使用,设备采用最新的技术进行设计,保证了产品结构的合理性和稳定性,通过精确的计算结合高质量的材料,保证了产品在施工中高效率的工作。



General Remarks

The short type Hydraulic casing oscillators are Perfectly suited for mounting rotary drilling rigs. The short hydraulic casing oscillators have been Designed in accordance with the latest technical Know-how. Extremely sturdy construction guarantees Worth-while use on size. By means of exact statical Calculations in conjunction with higher quality Material, an optimum conformity of loads, weight And material strength is achieved.

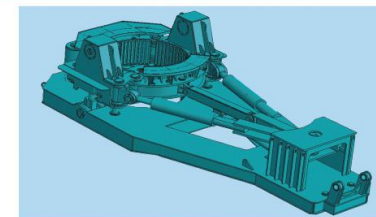


	规格 Size		BGJ1000/D	BGJ 1300/D	BGJ 1500/D	BGJ 2000/D
D	最大摆管直径 / Max.Casing diameter	mm	1000	1300	1500	2000
W	主机总宽 / Width of machine	mm	1850	2250	2500	3200
L	主机总长 / Length of machine	mm	2700	3870	4070	4800
L1	底盘左端到主机中心距 / W. retaining cycl.	mm	950	1200	1450	1700
H	主机总高 / Height of machine	mm	1250	1600	1600	1600
H1	夹紧平面到地面高度 Height from ground tp top of cradle guide	mm	850	1020	1020	1020
H2	夹紧高度 / Height of cradle guide	mm	400	400	500	500
	工作压力 / Operating pressure	Mpa	27	27	27	27
	扭矩 / Torque	KN.m	650	1750	2000	2520
	提升行程 / Stroke	mm	350	450	450	450
	提升力 / Lifting force	KN	800	1800	1800	2000
	夹紧力 / Clamping force	KN	530	1650	2100	2510
	摆管角度 / Rotation angle		22°	22°	22°	22°
	套管回转弧长 / Casing rotation	mm	185	245	290	340
	重量 / Weight	kg	7500	11200	15000	17600

摆管机 (长型) Casing oscillator (long Type)

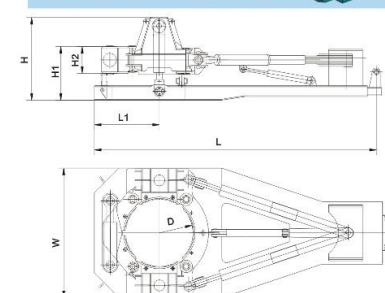
产品介绍

长形液压摆管机适用于起重机械配套使用,采用最新的技术进行设计,保证了产品结构的合理性和稳定性,通过精确的计算结合高质量的材料,保证了产品在施工中高效率的工作。



General Remarks

The long type Hydraulic casing oscillators are Perfectly suited for mounting crane. The long type hydraulic casing oscillators have been Designed in accordance with the latest technical Know-how. Extremely sturdy construction guarantees Worth-while use on size. By means of exact statical Calculations in conjunction with higher quality Material, an optimum conformity of loads, weight And material strength is achieved.



	规格 Size		BGJ1300/C	BGJ 1500/C	BGJ 2000/C	BGJ 2200/C	BGJ 2500/C	BGJ 2800/C	BGJ 3000/C
D	最大摆管直径 / Max.Casing diameter	mm	1300	1500	2000	2000	2500	2800	3000
W	主机总宽 / Width of machine	mm	2350	2850	3200	3400	4000	4300	4500
L	主机总长 / Length of machine	mm	6500	6500	7500	7500	8800	9100	9150
L1	底盘左端到主机中心距 / W. retaining cycl.	mm	1200	1300	1600	1730	2230	2400	2600
H	主机总高 / Height of machine	mm	1800	1850	1950	2050	2580	2580	2610
H1	夹紧平面到地面高度 Height from ground tp top of cradle guide	mm	1100	1200	1300	1300	1400	1400	1500
H2	夹紧高度 / Height of cradle guide	mm	600	650	650	650	700	700	800
	工作压力 / Operating pressure	Mpa	27	27	27	27	27	27	27
	扭矩 / Torque	KN.m	1750	3280	4070	4450	7310	8230	8610
	提升行程 / Stroke	mm	500	500	500	500	500	500	500
	提升力 / Lifting force	KN	1550	2150	2800	2800	5050	7420	7420
	夹紧力 / Clamping force	KN	1370	1750	2250	2250	3710	4680	4680
	摆管角度 / Rotation angle		25°	25°	25°	25°	25°	25°	25°
	套管回转弧长 / Casing rotation	mm	285	330	440	485	550	540	545
	重量 / Weight	kg	12000	16500	23500	26000	37650	47050	50000

动力站 Power Pack

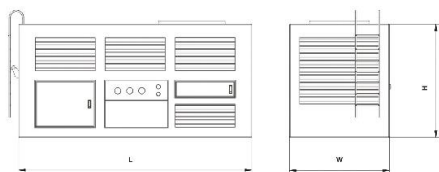
产品介绍

动力站发动机分为电动机和柴油机两种类型，可以根据用户需要自由选配，也可以根据用户的需求特殊定制。



General Remarks

The power station engine is divided into motor and diesel engine Two types, can according to user needs freedom Special selection, can also according to user's demand Customization.



		电动机动力站		柴油机动力站	
		BGJ1000~BGJ2000		BGJ1000~BGJ2000	BGJ2200~3000
发动机/ Motor		三相异步电动机		康明斯6CTA8.3-240	康明斯6LTAA8.9-C325
功率/ Power	kw	60	105	180(240)KW	245(325)KW
转速/ Revolutions	rpm	1500	1500	2200	2200
供油量/ Pumps Output	L/min	60	90	2x200	2x208
工作压力/ Operating pressure	Bar	300	300	270	270
油箱容量/ Capacity Hydr. 液压/柴油/ Oil/Fuel	L	600	850	1300/400	2200/460
外形尺寸/ Dimensions	mm	2000x1500x1800	2500*1500*2200	3500*1700*2000	4000*2000*2000
重量/ Weight	Kg	2700	3650	5400	6500

套管接头 Casing joints



直径 Diameter	螺栓数量 bolt	重量 (每对) Weight
620/540	8	188
750/670	10	221
880/800	10	255
1000/920	10	315
1180/1100	12	345
1200/1120	12	375
1300/1220	12	520
1500/1400	12	1040
1800/1700	12	1380
2000/1880	12	1660
2200/2080	12	1800
2500/2380	16	2000

双壁套管靴 Casingshoes



直径 Diameter	齿数量 Flat teeth N.O.	重量 Weight
620/540	8	260
750/670	8	300
880/800	10	360
1000/920	12	410
1180/1100	14	470
1200/1120	14	490
1300/1220	16	560
1500/1400	18	760
1800/1700	22	920
2000/1880	24	1200
2200/2080	26	1350
2500/2380	30	1500



套管孔口夹持器
Casing keeping adapter



动力头连接件
Connecting parts



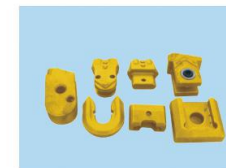
钻杆驱动器
Kelly casing adapter



套管驱动器
Casing drive adapter



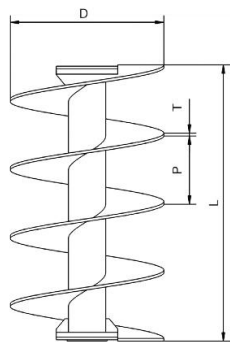
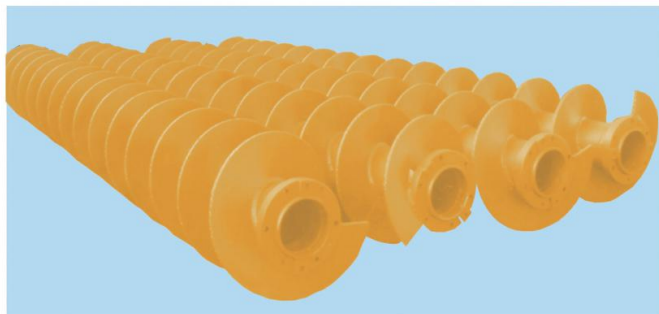
套管连接销
Casing bolts



套管靴齿
Casing shoes bits

■长螺旋钻具 Continuous flight augers

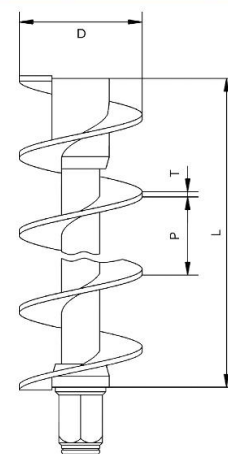
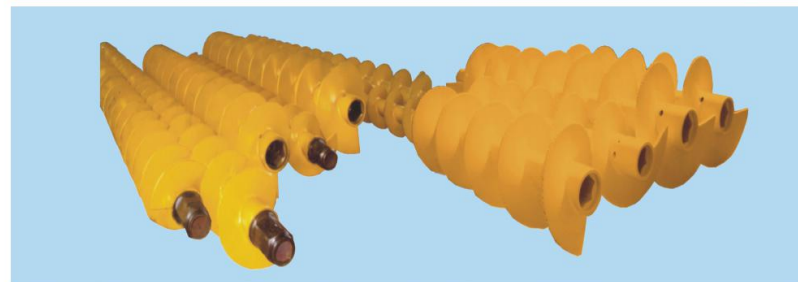
法兰式长螺旋钻杆 Flang type Continuous Flight Augers rod



岩石层的长螺旋钻头
Continuous Flight Augers
bits for rock

规格 Size	直径(mm) Diameter (D)	螺距P Pitch(mm)	螺片厚度 FLGHT THICKNESS T(mm)	长度L Length (m)
Φ300	280	280	16	2~10
Φ400	380	300	16	2~10
Φ500	480	350	16	2~10
Φ600	580	400	20	2~10
Φ700	680	400	20	2~10
Φ800	780	500	20	2~10
Φ900	880	500	25	2~10
Φ1000	980	600	25	2~10

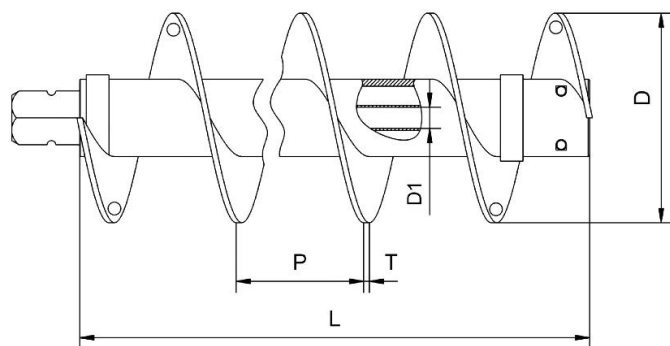
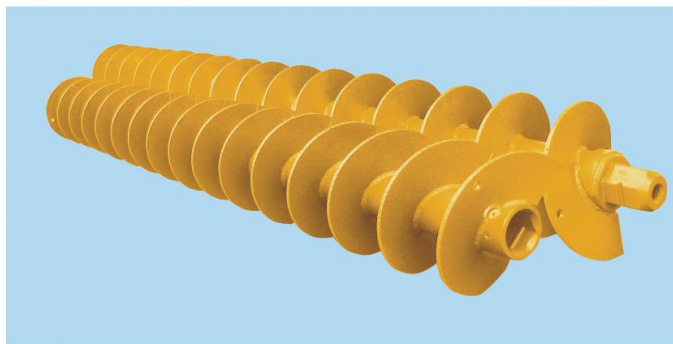
六方接头式长螺旋钻杆 Hexagonal Continuous Flight Augers rod



土层长螺旋钻头
Continuous Flight Augers
bits for soil

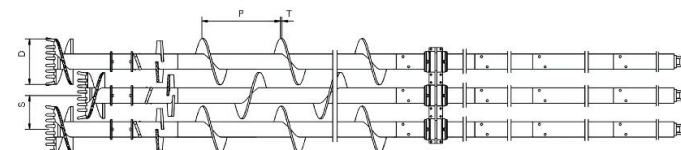
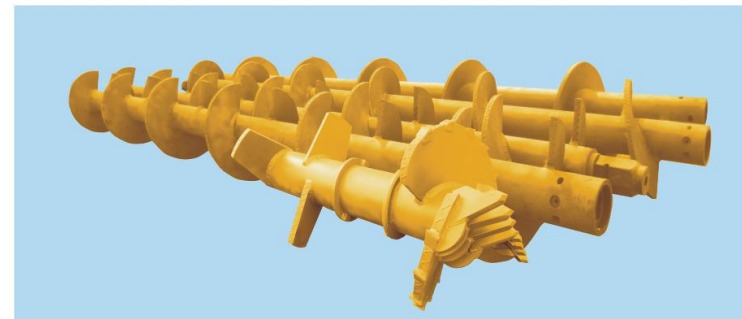
规格 Size	直径(mm) Diameter (D)	螺距P Pitch(mm)	螺片厚度 FLGHT THICKNESS T(mm)	长度L Length (m)
Φ300	280	280	16	2~10
Φ400	380	300	16	2~10
Φ500	480	350	16	2~10
Φ600	580	400	20	2~10
Φ700	680	400	20	2~10
Φ800	780	500	20	2~10
Φ900	880	500	25	2~10
Φ1000	980	600	25	2~10

潜孔锤用长螺旋钻杆 DTH hammer Flight Augers rod



规格 Size	直径(mm) Diameter (D)	螺距P Pitch(mm)	螺片厚度 FLGHT THICKNESS T(mm)	导管内径 (mm) Diameter (D1)	长度L Length (m)
Φ300	280	280	16	75	2~10
Φ400	380	300	16	75	2~10
Φ500	480	350	16	75	2~10
Φ600	580	400	20	75	2~10
Φ700	680	400	20	75	2~10
Φ800	780	500	20	75	2~10
Φ900	880	500	25	75	2~10
Φ1000	980	600	25	75	2~10

三轴搅拌式长螺旋钻杆 Triaxial stir Flight Augers rod



规格 Size	直径(mm) Diameter (D)	螺距P Pitch(mm)	螺片厚度 FLGHT THICKNESS T(mm)	中心距 (mm) Spacing (S)
SZ600	580	1000	30	500
SZ700	680	1150	30	500
SZ800	780	1300	30	600
SZ900	880	1400	30	650
SZ1000	980	1550	30	700



六方钻杆接头
Rod joints



煤层取样的长螺旋钻头
Continuous Flight Augers bits
for sample of coal seam

■ 其它产品 OTHERS PRODUCTS



桩头破碎器
Pile breaker



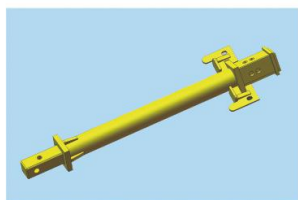
与中铁瑞威公司合作研制的轻型钻机
Drilling rig



J2泥浆搅拌机
J2 Mud mixing mill



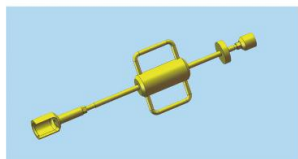
灌浆导管
Tremie Pipe



钻杆加长杆
Extension rod



钻杆转换接头
Kelly box adapter



截齿拔齿器
Impact extraction tool



扶正器
Centralizer

■ 水文水井/地质勘探

HYDROLOGY WELL DRILLING/ GEOLOGICAL SURVEY TOOLS



铸造式刮刀钻头
Casting scraping cutters



拼焊钻头
Weld Bit



焊接式刮刀钻头
Three wings scraping cutter



钻杆
Dring rod



钻杆接头
Dring rod joint



水龙头
Tap

■ 非开挖 TRENCHLESS BITS



岩石牙轮扩孔器
Rock reamers with tricone bit

扩孔直径 (mm) Diameter (D)	牙轮数量 Cone Number	前导孔直径 (mm) Diameter (D1)	长度 (mm) Length (L)
Φ350	4	216	1120
Φ400	4	220	1160
Φ500	5	380	1240
Φ600	5	500	1550
Φ700	6	600	1550
Φ800	6	700	1550
Φ940	6	780	1460
Φ1300	10	1000	2000
Φ1400	10	1250	2130
Φ1500	11	1350	2134



岩石滚刀扩孔器
Rock reamers with roller bit

扩孔直径 (mm) Diameter (D)	滚刀数量 Hob Number	前导孔直径 (mm) Diameter (D1)	长度 (mm) Length (L)
Φ600	580	400	1580
Φ700	680	400	1580
Φ800	780	500	1580
Φ900	880	500	1580
Φ1000	980	600	1580



土层扩孔器
Soil reamers



滚刀
Roller Bit

■ 产品应用实例 PRODUCTS CONSTRUCTION EXAMPLE



销售到中东地区的旋挖钻头



销售到中东地区的岩石短螺旋钻头



为中联重科公司配套的旋挖钻头



为中国水电基础局生产的衬砌机产品



澳大利亚客户订做的全护筒套管



国外客户定做的筒易套管



京石客运专线石家庄施工现场



为宇通重工配套的SMW长螺旋钻具
在上海宝马展会展出



为中国南车配套的液压抓斗在
北京展会上展出



锥底旋挖斗施工现场



为客户制作的大直径套管接头



为徐工生产的旋挖产品

◎切削工具 Cutting Tools



宝峨齿
Bauer teeth

We are the best choice for your drilling equipment.



系列截齿和齿座
Series of bullet teeth and holders



普通子弹头
General teeth



高强度子弹头
bullet teeth



加长耐磨型
Lengthened and reinforced



V-20斗齿和齿座
V-20 teeth and holders



25-T斗齿和齿座
25-T teeth and holders



Model:3050C-A
Alloy size: 20 / 26
Used in soil, sediment,
soft rock and micro-hard rock



Model:3050-22
Alloy size: 22 / 28
Suitable for sand stones,
pebbles,micro-hard
medium weathered substrata



Model:3050JC
Alloy size: 22 / 28
The tooth body lengthens, relieves to the plug
tooth, the bottom of the support.Suitable for soft
rock strength, deep-cut drilling flat Stable
sedimentary rocks, such as mudstone, shale, silty
Sand rock drilling, steel body growing teeth fast



Model:AW-D622
Alloy size: 22 / 26
Suitable for pebbles, red
sandstone, double-wheel
milling, sand-fishing bucket,
better effect of infill drills



Model:3050C-2
Alloy size: 20 / 26
It is used for drilling soft rock
and micro-hard rock, the
head tip enters teeth quickly,
and the steel body has good
abrasion resistance by
blasting sand.



Model:3050-Q10
Alloy size: 22 / 28
Plus 10 alloy beans, wear
resistance is good. High
resistance, recommended
use with 60 extra-long teeth,
effect Better results



Model:3060-N9
Alloy size: 22 / 28
The steel body is thickened with
3060 steel body with 9 alloy
bars. Suitable for cobblestone,
sandstone, red sandstone and
other hard rocks. Especially
suitable for medium hard rock
strata where steel body wear
too fast.



Model: R55LZ
Alloy size: 22 / 28

Suitable for medium hard rock and some hard rock. Citation American patented Technology-gradient, hard Resistance



Model: R60
Alloy size: 25 / 32

This product is hot precision forging process manufacturing and finishing. It has high wear resistance and toughness suitable for micro-weathered geological conditions such as geochemical rocks. The tooth body lengthened design make it enter the rock fast and improve work efficiency.



Model: R60LZ
Alloy size: 25 / 32

For granite, quartz, gravel and Part of the hard rock. The matrix around the alloy, etc. Ion-coated tungsten carbide powder protection, increase mother Wear resistance of the body. Maternal lengthening (75mm) The barrel drill works better.



Model: 3060-30LZ
Alloy size: 30 / 38

Super alloy design, for extremely hard rock formations such as basalt, quartz granite, gneiss, slate, etc. Drilling effect is good, used in barrel drilling effect is excellent.



Model: 3060LJ
Alloy size: 25 / 32

Suitable for medium hard rock, hard rock and part of very hard rock, granite. Thick steel body, large alloy, strong wear resistance, better effect for barrel drilling.



Roller Bit (15-30Mpa)

Insert tooth type, the periphery is insert hard alloy wedge-shaped teeth, with reinforced wear-resistant diameter-protecting rubber seal bearing. Soft rock used in 15-30 MPA, small plastic Medium hard strata. The wear resistance is higher than the alloy cutter. The service life is long.



Roller Bit (30-60Mpa)

Blue straight plate with teeth-inlaid with hard alloy cone-shaped teeth, used in 30-60 MPA medium-hard rock strata and hard strata. Good wear resistance ratio and long service life



Roller Bit (60-100Mpa)

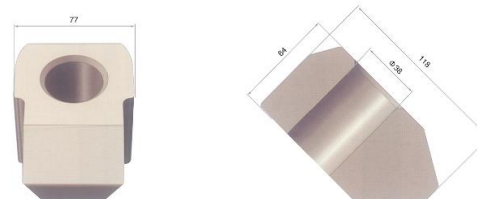
The golden all-cloth teeth are inlaid with teeth, with hard alloy pointed oval teeth on the periphery, used in a hard rock stratum of 60 ~ 100 MPA, a hard and abrasive stratum. Good wear resistance and long service life.



Roller Bit (100-260Mpa)

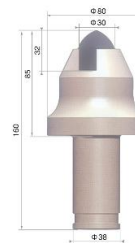
Full-cloth toothed with hard alloy oval-shaped teeth on the periphery, used in a hard rock stratum of 100 ~ 260 MPA, hard and abrasive formations. Better wear resistance and longer service life.

38WA Series



H38WA01

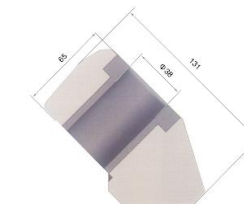
38WB Series



38WB01



H38WB01

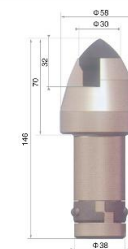


SLEEVE : S38WB01
HOLDER : H38WB01

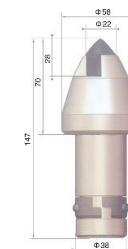
38GA Series



38GA01



38GA02



38GA03

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我们会在第一时间为您服务。

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XUZHOU HENGXING JINQIAO CONSTRUCTION MACHINERY CO.,LTD.

中国·徐州
XUZHOU·CHINA

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